

OROVILLE FACILITIES RELICENSING (Project No. 2100) Studies Status Matrix

STUDY PLANS APPROVED BY PLENARY GROUP PENDING WORK GROUP REPORTS/ISSUE-RESOLUTION

Study Plans	Plenary Approval Status	Actions/Notes
SP-R13 Recreation Surveys	Approved	
SP-T10 Effects of Project Features, Operations, and Maintenance on Upland Plant Communities	Approved, pending report of Ron/Steve off-line conversation	Pending further discussion with Ron/Study Author
SP-W2 Contaminant Accumulation in Sediments and Aquatic Food Chain	Approved, pending report of off-line discussion	Agreed will add second sample, delay sediment samples, run 6 sediment samples for Mercury

CONSENT CALENDAR FOR APRIL 2002 PLENARY GROUP MEETING

Study Plans	Plenary Approval Status	Actions/Notes
SP-R17 Recreation Needs Analysis	Approved	
SP-W5 Project Effects on Groundwater	Approved	
SP-W9 Project Effects on Natural Protective Processes	Approved	
SP-T3/5 Riparian Resources, Wetlands and Associated Floodplains	Approved	
SP-T6 Interagency Wildlife Management Coordination and Wildlife Management Plan Development	Approved	
SP-T8 Project Effects on Non-Native Wildlife	Approved	
SP-T11 Fire Prevention/Fuel Load Control	Approved	

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HEARTBURN REVIEW AT APRIL 2002 PLENARY GROUP MEETING

Study Plans	Plenary Approval Status	Actions/Notes
SP-F2 Evaluation of Project Effects on Fish Diseases	Conditionally Approved/ May Consent Calendar	<p>Mike has some editorial comments</p> <p>Eric has a few non-heartburn comments</p> <p>Ron has a comment regarding additional fish disease</p>
SP-F8 Transfer of Energy and Nutrients by Anadromous Fish Migrations	Referred to Work Group	<p>Heartburn:</p> <p>Mike would like to see past surveys done by DFG above resv; concern w/ moving carcasses ("dead") upstream/disease transfer</p> <p>Ron has concerns with study of "pre-dam" conditions</p>
SP-F10 Evaluation of Project Effects on Anadromous Salmonids and their Habitat	Conditionally Approved Pending Work Group Approval	No heartburn – Kudos from DFG

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APPROVED

Study Plans	Plenary Approval Status	Actions/Notes
SP-L1 Land Use Study	Approved	
SP-L2 Land Management Study	Approved	
SP-L3 Comprehensive Plan Consistency	Approved	
SP-L4 Aesthetic Impact Assessment	Approved	
SP-L5 Fuel Load Management	Approved	
SP-R1 Public and Private Vehicular Access	Approved	
SP-R2 Recreation Safety Assessment	Approved	
SP-R3 Assess Relationship of Project Operations and Recreation	Approved	
SP-R4 Assess Relationship of Fish/Wildlife Management and Recreation	Approved	
SP-R5 Assess Recreation Areas Management	Approved	
SP-R6 ADA Accessibility Assessment	Approved	
SP-R7 Reservoir Boating Survey	Approved	
SP-R8 Carrying Capacity Study	Approved	
SP-R9 Existing Recreation Use Study	Approved	
SP-R10 Recreation Facility and Condition Inventory	Approved	

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SP-R11 Recreation And Public Use Impact Assessment	Approved	
SP-R12 Projected Recreation Use	Approved	
SP-R14 Assess Regional Recreation and Barriers to Recreation	Approved	
SP-R15 Recreation Suitability Study	Approved	
SP-R16 Whitewater and River Boating	Approved	
SP-R18 Recreation Activity, Spending, and Associated Economic Impacts	Approved	
SP-R19 Fiscal Impacts	Approved	
SP-E1 Model Development	Approved	
SP-E1.1 Statewide Operations Model Development	Approved	
SP-E1.2 Local Operations Model Development	Approved	
SP-E1.3 Oroville Reservoir Temperature Model Development	Approved	
SP-E1.4 Thermalito Complex Temperature Model Development	Approved	
SP-E1.5 Feather River Temperature Model Development	Approved	
SP-E2 Perform Modeling Simulations	Approved	
SP-E3 Evaluate the Potential for Additional Hydropower Generation at Oroville	Approved	

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SP-E4 Flood Management Study	Approved	
SP-E6 Downstream Extent of Reasonable Control of Feather River Temperature by Oroville-Thermalito	Approved	
SP-E7 Oroville Reservoir Cold Water Pool Evaluation	Approved	
SP-E8 Temperature Impacts of Pumpback Operation on Oroville Reservoir Cold Water Pool	Approved	
SP-C1 Cultural Resources Inventory	Approved	
SP-C2 Cultural Resources Evaluation	Approved	
SP-C3 Cultural Resources Management	Approved	
SP-C4 Cultural Interpretation & Education Assistance	Approved	
SP-T1 Effects of Project Features and Operation on Wildlife and Wildlife Habitat	Approved	
SP-T2 Project Effects on Special Status Species	Approved	
SP-T4 Biodiversity, Vegetation Communities and Wildlife Habitat Mapping	Approved	
SP-T7 Project Effects on Noxious Terrestrial and Aquatic Plant Species	Approved	
SP-T9 Recreation and Wildlife	Approved	
SP-G1 Effects of Project Operations on Geomorphic Processes Upstream of Oroville Dam	Approved	

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SP-G2 Effects of Project Operations on Geomorphic Processes Downstream of Oroville Dam	Approved	
SP-W1 Project Effects on Water Quality Designated Beneficial Uses for Surface Water	Approved	
SP-W3 Recreational Facilities and Operations Effects on Water Quality	Approved	
SP-W6 Project Effects on Temperature Regime	Approved	
SP-W7 Land and Watershed Management	Approved	
SP-F16 Evaluation of Project Effects on Instream Flows and Fish Habitat	Approved	

FUTURE PLENARY REVIEW NEEDED/WHEN TARGETED FOR HEARTBURN REVIEW

Study Plans	Plenary Approval Status	Actions/Notes
SP-F1 Evaluating the Impacts of Project Operation on Non-fish Aquatic Resources	Future Plenary Review Needed	Will be mailed on 5/14 for Heartburn Review at May Plenary Group Meeting
SP-F9 Hatchery Effects on Salmonids	Future Plenary Review Needed	Will be mailed on 5/14 for Heartburn Review at May Plenary Group Meeting
SP-F3.1 Evaluation of Project Effects on Resident Fish and Their Habitat within Lake Oroville, its Upstream Tributaries, the Thermalito Complex, and the Oroville Wildlife Area	Future Plenary Review Needed	Will be mailed on 5/14 for Heartburn Review at May Plenary Group Meeting
SP-F3.2 Evaluation of Project Effects on Resident Fish and Their Habitat in the Feather River Downstream of the	Future Plenary Review Needed	Will be mailed on 5/14 for Heartburn Review at May Plenary Group Meeting

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Fish Barrier Dam		
SP-F5 Project Effect of FERC Project Fisheries Management Plans on a Balanced Fishery of Resident and Anadromous Fish and Their Habitats	Future Plenary Review Needed	Targeted to be mailed on 5/14 for Heartburn Review at May Plenary Group Meeting (Potentially Consolidated With F3)
SP-F13 (Effects on CA Special Status and ESA Species – Pending Further Work Group Review) (Potentially Consolidated)	Future Plenary Review Needed	Targeted to be mailed on 5/14 for Heartburn Review at May Plenary Group Meeting (Potentially Consolidated With F10/F3)
SP-F21 Project Effects on Predation of Feather River Juvenile Anadromous Salmonids	Future Plenary Review Needed	Will be mailed on 5/14 for Heartburn Review at May Plenary Group Meeting
SP-F4 Evaluation of Project Effects on Fish Passage Upstream of Lake Oroville	Future Plenary Review Needed	Will be mailed on 6/18 for Heartburn Review at June Plenary Group Meeting
SP-F15 Evaluation of the Feasibility to Provide Passage for Anadromous Salmonids Past Oroville Facility Dams	Future Plenary Review Needed	Will be mailed on 6/18 for Heartburn Review at June Plenary Group Meeting
SP-W10 (Cumulative Water Quality Effects -- Pending Further Discussion of Cumulative Effects)	Future Plenary Review Needed	Pending Discussion of Cumulative Effects; Targeted for Plenary Group review in July/August
SP-G3 (Cumulative Geomorphic Effects -- Pending Further Discussion of Cumulative Effects)	Future Plenary Review Needed	Pending Discussion of Cumulative Effects; Targeted for Plenary Group review in July/August
SP-F12 (Cumulative Impacts -- Pending Further Discussion of Cumulative Effects)	Future Plenary Review Needed	Pending Discussion of Cumulative Effects; Targeted for Plenary Group review in July/August

ON HOLD PENDING OUTCOME OF TASK FORCE

Study Plan	Plenary Approval Status	Actions/Notes
SP-E1.6 Feather River Flow-Stage Model Development	Approval Pending	Remove from CP List, Hold Pending Outcome of Joint TF. Targeted to be mailed on 4/16 for Heartburn Review at April Plenary Group Meeting